Quality Control

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WORK ORDER NON-CONFORMANCE / UPDATE

		*	
DQA:	Date:		
		 	_

										QA Closed:	Date	:
Work Orde	er:					DISPOSITION			AGAINST DE	PARTMENT	PROCESS	
Part No						Rework Scrap Use-as-is Work Order Update		Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
0		Ť		<u></u>	D		la tetal	<u> </u>		C: 0		
Root	1.	Description of work orde		•	Initial	ŀ	ction	Sign &				
Cause		Date	Step	Qty		or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data	Ш											
Equip/Tooling												
Operator	\Box											
Material												
Setup		ŀ										
Other												
Process												-
Supplier												
Training]					
Unapproved												
						F	AULT CATE	GORY			·	
Landi	ng Gea	r				General				_		
	Ве	nding			L	Bend	Grain			Ovalized		Pressure/Forced
	Ce	ntre No	t Concer	ntric to	o/s	BOM/Route	Hardwa	are	<u></u>	Over/Under	tolerance	Temperature/Cure
	Cra	acks				Broken/Damaged	Inspect	ion Incomplete		Part Incorre	ct	Weld
	Crı	ushed/C	rimped.			Burrs	Instruc	tions Incomplete/	'Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cu	ffs				Contamination	Mainte	enance		Part Moved		
	He	at Treat	t			Countersink	Mislabe	eled		Positioned V	Vrong	
	ins	pection	Strip in	Tube		Cut Too Short	Misrea	d		Power Loss/	Surge	Other
	Rip	ples in	Bend			Drill Holes	Offset			_		
	То	rque Wa	aves in E	xtrusio	1	Drawing	Out of,	Calibration				
	Tu	rning Se	equence			Finish	Out of	Sequence				
Wave/Twist in Tube			1 _{Folio}	Outside	e Dimensions							

Work Order ID 95736 Page 2 January-18-13 10:14:24 AM Item ID: D3203-1 Accept *N900040100* Setup Start **Revision ID:** Item Name: Handle **Start Qty: 12.00 Start Date:** 1/16/13 Cust Item ID: Req'd Qty: 12.00 Required Date: 1/31/13 **Customer:** Reference: Start Run **Tooling:** Date: Process Plan: _____ Date: Approvals: Stop SPC (Y/N): Date: Date: Sequence ID/ Reject Operation Set Up/ Tool ID Tool # Plan Accept Reject Insp. **Work Center ID Description Run Hours** Code Qty **Qty** Number Stamp Identify as per dwg & Stock Location: \$1239 130 0.00 *130* 0.00 Packaging Memo Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC Quality Control

Memo

0.00

MUS 13-02-20 MW 28

	DQA:	Date:	
	, DQA		
MODE ODDED MONE CONFORMANCE AND ATT			
WORK ORDER NON-CONFORMANCE / LIPDATE			₹

NCR:	res /	No				WORK ORDER NON-C	COI	IFORI	VIANCE / UPI	DATE			
											QA Closed:	Date	•
Work Orde	er:					DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No					Scrap Machining Small Fab Use-as-is Thermoforming Finishing			Crosstube Small Fab Finishing Composite	Prod. Eng. Coor. Quality ing Rec/Store/Packaging Other				
Root			:		Descri	ption of work order update	lr	nitial	Act	ion	Sign &		
Cause	D.	ate	Step	Qty	(or Non-conformance	Chi	ief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling													
Operator	Ш								·				
Material													
Setup													
Other	_												
Process	_												
Supplier	\dashv												
Training													
Unapproved							<u> </u>	T CATE	CORV				
Landi	ng Gear					General	AUL	T CATE	JURY				
Landi	Ben	dina				Bend		Grain			Ovalized		Pressure/Forced
	_	_	Concer	ntric to f	_{2/5}	BOM/Route	\vdash	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Crac		Concer		-	Broken/Damaged	\vdash		on Incomplete		Part Incorred	 	Weld
	_		rimped.			Burrs	-	•	ions Incomplete/L	Jnclear -	Part Lost/Mi	j	Wrong Stock Pulled
	Cuff				H	Contamination	\vdash	Mainte	•		Part Moved		
		t Treat				Countersink	-	Mislabe			Positioned V	Vrong	
	—		Strip in	Tube		Cut Too Short	\vdash	Misread			Power Loss/		Other
	Ripp	les in E	Bend			Drill Holes	П	Offset			ı '		
	Torc	jue Wa	ves in E	xtrusio	1	Drawing	П	Out of C	Calibration				
	Turr	ning Se	auence			Finish	П	Out of 9	equence				

Outside Dimensions

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

SPicklist Print

January-18-13 10:14:23 AM

Work Order ID: Parent Item:

95736

Parent Item Name:

D3203-1

Handle

Start Date: 1/16/13

Required Date: 1/31/13

Page 1

Start Qty: 12.00

Required Qty: 12.00

Comments:

IPP Rev:A

New Issue 05-11-06 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
GH180C		Purchased	No	**************************************	·	100	Each	0.0000	1	12-1	7		
Handle											-		

11x SPB-2-26.

NCR:	Yes	1	No
INCh.	162	/	NO

WORK ORDER NON-CONFORMANCE / UPDATE

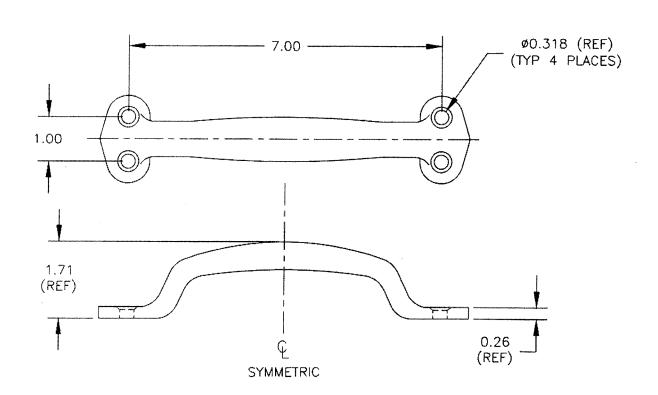
DQA:	Date:	A
		7

	•									QA Closed:	Da	te:		
Work Orde	r·			•	DISPOSITION			'	AGAINST DE	PARTMENT	PROCESS			
Part N			-		Rework Scrap		Skid-tube Crosstube Machining Small Fab		Small Fab		Water Jet d. Eng. Coor.		Engineering Quality	
NCR N	0				Use-as-is Work Order Update		Thermoforming Finishing Rec/Store/Packaging Supplier				Other			
Root				Descri	ption of work order update	lr	nitial	Ac	ction	Sign &				1
Cause	Date	Step	Qty		or Non-conformance	Chi	ef Eng	Desc	cription	Date	Verificatio	n	QC Inspector	-
Doc/Data														
quip/Tooling		l												
Operator														
Material		1												
Setup														
Other						1		:				1		
Process						1								
Supplier		1												
Training		ŀ												
Jnapproved														
·					F	AUL	CATE	GORY						
Landin	g Gear				General			•						
	Bending				Bend	\Box	Grain			Ovalized		ПР	ressure/Forced	
	Centre No	ot Conce	ntric to (o/s	BOM/Route	П	Hardwa	re		Over/Under	tolerance	Пт	emperature/Cure	
[Cracks				Broken/Damaged		Inspecti	or. Incomplete		Part Incorre	ct	Πv	Veld	
	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	/Unclear	Part Lost/Mi	ssing	$\prod v$	Wrong Stock Pulled	
	Cuffs				Contamination		Mainte	nance		Part Moved		_		
	Heat Trea	at			Countersink		Mislabe	led		Positioned V	Vrong			
Ī	Inspectio	n Strip in	Tube		Cut Too Short		Misread	i		Power Loss/	Surge		Other	
	Ripples in	n Bend			Drill Holes	\Box	Offset		<u></u>					
	Torque W	Vaves in E	xtrusio	n	Drawing		Out of 0	Calibration						
Ī	Turning S	equence			Finish		Out of S	Sequence						
	□wave/Tw	vist in Tul	oe .		1 _{Folio}	\Box	Outside	Dimensions						



DESIG	P	DRAWN BY	DART AEROSPA HAWKESBURY, ONTARIO.	
CHEC	KED	APPROVED	DRAWING NO.	REV. C
	W	H H	D3203	SHEET 1 OF 1
DATE			TITLE	SCALE
04.	11.26		HANDLE	1:2
Α		03.08.27	NEW ISSUE	
В		03.10.16	REDESIGN HANDLE	
С		04.11.26	NO MACHINING	

RELEASED OSOI.18 #



D3203-1 HANDLE

- 1) PURCHASE FROM MILL SUPPLY, P/N GH-180-C OR 27-526
- 2) FINISH: NONE
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Local (216) 518-5072 Toll-Free (800) 888-5072 FAX (216) 518-2700 Fax-Free (888) 781-2700

INVOICE

TO:

MILL SUPPLY, INC.

19801 MILES RD., CLEVELAND, OH 44128-4117 REMIT TO: PO BOX 28750, CLEVELAND, OH 44128-0750



INVOICE 242284

INVOICE &

FAXED ORDER

CARD CREDIT

02/25/2013

SHIP DATE

11/13 Ø32238 A

CUSTOMER# DARTK6A1K

PHONE 613-632-9577 SHIP#

PHONE

S-48

DART AEROSPACE LTD

1270 ABERDEEN STREET

TO:

F	AWKESBURY ON K6A1	K7	7			
ENTER DATE	ORDERED BY	P.O. NUMBER	SALESMAN	I TER	MS	OTHER INFO
02/25/2013	CHANTAL LAVOIE		JUP	NET		
QTY U/M	PART NUMBER	DESC	RIPTION		PRICE	EXTENSION
VA1 EA	27-526	GRAB HANDLE	· <u>.</u>	35-4-2	7.87	86.57
		ONE WEEK LEAD TIME				
•						
		ORDER COMPLETE	#			
		************			8	
		* Look for our new * catalog coming so		an * *		
		***********	*********	*****		
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July COMTNI	SOON. OUR 2013 9	TEDUAN CATALOG *	***			
	3 500N. DDN 1915					04 57
SHIPPED VI.	PKGS THANK Y	OU FOR YOUR ORDER		NOTE	MERCHANDISE	86.57
FED PRIORIT		packages for damage or ssing parts now!	PLEASE PAY BY ACCORDING TO	THE TERMS	TAX	0.00 86.57
WGRI. CRGS.	We must be	contacted within 3 days if	ABOVE. Pasi subject to 1-1/		SUB-TOTAL	00.3/
		problem with your order. ACK FOR DETAILS	service charge.		SHIPPING & HANDLING	0.00 C
	We hereby certify that	these goods were produced, or services performed	FOR RETURN	ED CHECKS.	TOTAL	86.57
	the Fair Labor Standar of the United States Do	ds Act, as amended, and of regulations and orders partment of Labor issued in the seguing a segu	RETURN POL	CT ON BACK		

TE=85

REC'D BY



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18886

Purchase Order Date 1/21/13 PO Print Date 1/21/13

Page Number 1 of 1

Order From:

VISA

CENTRE, PO BOX 4016, STAT. A **PAYMENT**

TORONTO.

Contact Name

Vendor Fax

Vendor Account Nbr

Vendor Phone

FOB

Buyer

Terms

Currency

Tax Resale Nbr

Chantal Lavoie Requisition Nbr

> 10127-2607 COD

> > USD

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7 **CANADA**

VU-ROY001

Line Nbr Reference

GH180C

Revision ID Vender Part Number Description/ Mfg ID

Req Date/

Req Qty/ Taxable Unit of Measure

Each

Ship Method

Unit Price

Extended

Price

Handle

1/25/13

Yes

FedEx PI collect 12.00

\$7.8700

\$94.44

Special Inst:

AS PER DWG D3203 REV. C

B95736

MILL SUPPLY P/N: GH-180-C

PO Total:

\$94.44

Sp13.2-26.

CERTIFICATE OF CONFORMITY REOD UPON DELIVERY

PO Instructions:

Change Nbr:

MILL SUPPLY

VISA ACCT: 4514 0310 0909 0347 EXP: 11/13 CID; 130

Change Date: 1/21/13

No substitution or deviation without

Certificate of Conformity or Material Certification required YES NO